



50835. Ante-dated. 24th July 1952, under Section 5 of the Act.
50837. Ante-dated. 24th July 1952, under Section 5 of the Act.
50839. Ante-dated. 24th July 1952, under Section 5 of the Act.
50925. Ante-dated. 25th June 1953, under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depots, 8 Hastings Street, Calcutta, in the course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charge which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

47172. Bolidens Gruvaktiebolag. Improvements in and relating to the impregnation of wood. Accepted on 22nd January 1954.

*Wood and impregnating liquid surrounding it are subjected to successive cycles of higher and lower pressures than the pressure of air within the wood.*

47754. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems. (25th July 1951). Accepted on 25th January 1954.

*For transmission of impulses according to digits registered on magnetic drum, control arrangements responsive to an initiating signal cooperating with a pulse generator to cause the value of a registered digit to be reduced by one unit after each such pulse and an impulse to be transmitted over an outgoing circuit*

47755. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems. (25th July 1951). Accepted on 25th January 1954.

*Continuously operating testing arrangements effect periodical tests of signalling line and in response to each impulse followed by a pause control arrangements cause addition of one unit to the registration, a timing device being set after each impulse and if it continues in operation without arrival of further impulses, causing additional impulses subsequently received to be registered in different storage space.*

47815. Council of Scientific & Industrial Research. Liquid preparations such as paints or the like coating compositions. Accepted on 21st January 1954.

*Incorporating in a paint or coating composition highly degraded natural rubber or partially polymerised rubber hydrocarbon polymer.*

48192. North American Aviation, Inc. Improvements in or relating to a rivet or bushing. Accepted on 25th January 1954.

*Comprising a pin with curved end and a collar, to receive the pin, with uniform interior diameter for major length and of decreasing inwardly curved interior diameter for the remainder, the curve of the end of the pin being such that line contact initially obtains between the pin and the portion of the sleeve engaging during the driving of the pin in the sleeve.*

48209. "Shell" Refining and Marketing Company Limited. Improvements in and relating to fuel oils and the combustion of fuel oils. (15th October 1951). Accepted on 22nd January 1954.

*Comprising a high ash residual fuel oil and a content of phosphorus or of a metal free organic or inorganic compound of phosphorus other than an oil-soluble organic compound of phosphorus.*

48254. Maatschappij Voor Kolenbewerking Stamicarbon N.V. Process for regenerating an ion exchanger. Accepted on 25th January 1954.

*Dividing the series of columns into two groups, and after one operation cutting out the first column of the first group, making the first column of second group the last of the first group and introducing a new column at the end of the second group.*

48640. Council of Scientific and Industrial Research. Preparation of starch from starch bearing plant materials. Accepted on 27th January 1954.

*Liberating starch from tubers by dissolving the cell walls by enzymes derived from micro-organisms.*

48642. Perfogit Societa per Azioni. Continuous polycondensation of amino-acids. Accepted on 27th January 1954.

*The amino acid is caused to travel continuously through a heated condensation space, while the water formed in the condensation is continuously eliminated.*

48722. The General Electric Company Limited. Improvements in or relating to the manufacture of electrical amplifying devices. (31st December 1951). Accepted on 27th January 1954.

*Forming on the surface of semi-conducting material of one conductivity type a thin layer of same material of the opposite conductivity type, disposing a second semi-conducting material of said one conductivity type with its surface contacting said layer and heating the two bodies in an inert atmosphere while pressing them together.*

48844. Societe Des Usines Chimiques Rhone-Poulenc. Process for the preparation of hydroperoxides. Accepted on 27th January 1954.

*Treating certain aliphatic-aromatic hydrocarbons in the liquid phase with oxygen at elevated temperatures in the presence of formaldehyde.*

48899. S. P. Joshi. Improvements in or relating to blotters. Accepted on 21st January 1954.

*Part of the curved piece of a blotter is made plain, so that blotter rests on that part and the top plate of blotter takes on inclined position.*

48941. S. R. L. Studi E Brevetti Applicazioni Tessili. Process and equipment for the continuous treatment of yarns. Accepted on 27th January 1954.

*Comprising a processing roller and a plurality of feed rollers located with their axes oblique in respect of the processing roller and set at distances therefrom.*

49372. Wuertembergische Spindelfabrik G.m.b.H. Holders and weighting supports for top rollers of drawing frames in spinning machines. Accepted on 22nd January 1954.

*Weighting supports embody a holder with built-in weighting means for the top rollers of the frame.*

49640. Standard Telephones and Cables Limited. Improvements in or relating to electro-acoustic transducers. (20th June 1952). Accepted on 27th January 1954.

*Of the rocking armature type having a magnetic circuit comprising an armature of magnetic material caused to rock in response to audio currents flowing in coils wound on pole-pieces co-operating with a magnet.*

49652. Knud Abildgaard-Elling. Preparation of esters of penicillin with alcohols containing a secondary amino group. Accepted on 27th January 1954.

*Reacting a penicillin salt with a compound of general formula  $X.R_1.N.H.R_2$ , where X is halo gen,  $R_1$  is divalent alkyl group and  $R_2$  is alkyl, cycloaliphatic or aralkyl group.*

49718. Stamicarbon N.V. A method of an apparatus for the breaking down of froth. Accepted on 22nd January 1954.

*By introducing the froth into the core of a gas vortex established in a rotation chamber.*

49731. National Lead Company. Improvements in or relating to the removal of contaminant from titanium metal. Accepted on 25th January 1954.

*By contacting the titanium metal with an acidic solution which contains a ferric salt of a mineral acid or a nitrate compound.*

49776. W. Schmidt. Process for producing aluminium by amalgam metallurgy. Accepted on 21st January 1954.  
*Aluminium is extracted by electrolysis through a mercury cathode.*
79782. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of 2-methyl-pyridine-4-carboxylic acid derivatives. Accepted on 25th January 1954.  
*Reacting 2-methyl pyridine-4-carboxylic acid derivative which may contain a halogen atom in 6-position with hydrazine or substituted hydrazine.*
49798. Sudhir Lal Mukherjee and Albert David Ltd. A process for the manufacture of "3 : 5-Dioxypyrazolidine derivatives". Accepted on 27th January 1954.  
*3,5-Dioxo-1,2-diphenyl-4-aryl pyrazolidines are prepared by reacting mono- or di-substituted malonic acid dichloride of the formula  $R_1(R_2)C(COCl)_2$ , wherein  $R_1$  is aryl and  $R_2$  stands for hydrogen or bromine, with hydrozobenzene.*
49953. Werkspoor N.V. Improvements in and relating to sugar cane mills. Accepted on 27th January 1954.  
*Characterized in that one of the side edges of the recess in the housing has groove at its outer side and the other at its inner side in which corresponding projecting edges of grooves at the side of the cap facing the housing engage.*
49974. Imperial Chemical Industries Limited. Cord-like ignition devices for explosive charges. (22nd September 1952). Accepted on 27th January 1954.  
*Comprising a combustible flexible envelope confining together therein at least one incendiary element and at least one wick element and having continuous air spaces along its length.*
49986. E. M. Hunnebeck. Improvements relating to temporary supports and centerings. (16th April 1953). Accepted on 25th January 1954.  
*Comprising an outer girder which rides on an inner girder having the same carrying power as the outer girder, the outer girder having a support for the inner girder which support is arranged at a distance from the end of the outer girder which is double the height of the outer girder.*
50192. Shivaji Works Ltd. Improvements in or relating to agricultural implements for unearthing ground nuts and for like purposes. Accepted on 21st January 1954.  
*A wheeled structure has on its front side a yoke and on its rear side a slicing blade.*
50215. Novo Terapeutisk Laboratorium A/S. Process of increasing the physical stability of aqueous suspensions of penicillin compounds. Accepted on 22nd January 1954.  
*Removing atmospheric oxygen from the containers in which suspensions are stored.*
50221. The British Thomson-Houston Company Limited. Improvements in and relating to magnetic materials. (15th September 1952). Accepted on 27th January 1954.  
*Electrolytically depositing iron on a substrate material using ferrous chloride as an electrolyte.*
50322. Rodi & Wienenberger Aktiengesellschaft. An elastic one-legged link-band of the scissor-like opening and stretching type. Accepted on 27th January 1954.  
*Consisting of a plurality of elongated box-like links provided with two lateral slots, a plurality of coupling members connecting said links.*
50326. Rodi & Wienenberger Aktiengesellschaft. A stretchable link-band. Accepted on 27th January 1954.  
*Consisting of a plurality of box-links, springs arranged within said links and sheet metal members extending through openings in said box-links, coupled to adjacent links.*
50378. R. H. Abplanalp. Improvements in or relating to a foam dispensing head for an aerosol container. Accepted on 27th January 1954.  
*Providing an actuator on the dispensing head for operating a valve for controlling the delivery of foam from the container, the actuator being movable in a direction transverse to its operating movement.*
50380. N. V. De Bataafsche Petroleum Maatschappij. Process for the catalytic treatment of hydrocarbons with periodic regeneration of catalyst. Accepted on 25th January 1954.  
*Wherein to regenerate the catalyst, a regeneration gas is introduced at a place such that it does not come into contact with material of the apparatus containing sulphur or oxygen before contacting the catalyst.*
50547. The Mining Engineering Company Limited. Conveyors. (5th November 1952). Accepted on 27th January 1954.  
*Load carrying element and tension element are separated at a point and the load carrying element is carried independently to a drum located remote from the point of separation.*
50632. The English Electric Company Limited. Improvements relating to mine installations. (10th November 1952). Accepted on 25th January 1954.  
*Means responsive to cage reaching landing position for automatically initiating operation of loading means, and restriction means for preventing initiation of a further wind until predetermined number of conveyances have been pushed into cage.*
50659. Murphy Radio Limited. Improvements in and relating to noise suppression in radio receivers. (25th November 1952). Accepted on 21st January 1954.  
*Having in series with its audio-signal-channel a diode and in shunt with its signal channel another diode.*
50799. British Telecommunications Research Limited. Improvements in or relating to electrical signalling systems. (25th July 1951). [Divisional date, July 24, 1952]. Accepted on 25th January 1954.  
*Including high speed register of the magnetic drum type, the storage area including plurality of blocks, one for each train of impulses; each block with plurality of unit areas for numerical storage and additional unit area for control purposes to be marked when a digit is registered and testing means responsive to the control area causing registration in the first block encountered having no marking therein.*
50834. British Telecommunications Research Limited. Electrical signalling systems. (25th July 1951). [Divisional date, July 24, 1952]. Accepted on 25th January 1954.  
*In which the storage area including plurality of blocks, one for each digit, each block of plurality of unit areas for storage and additional unit for control which is marked prior to transmission but marking removed after transmission and testing arrangements responsive to control area which cause control of impulse transmission by the first block encountered having marking in associated control area.*
50835. British Telecommunications Research Limited. Electrical signalling system. (25th July 1951). [Divisional date, July 24, 1952]. Accepted on 25th January 1954.  
*Magnetic drums registering different groups of digits and control arrangements to transmit over different outgoing circuits of impulses corresponding to the digit registrations, scanning arrangements associating the drum with all the outgoing circuits at least once during the transmission of a single impulse.*
50837. British Telecommunications Research Limited. Improvements in or relating to telephone or like signalling systems. (25th July 1951). [Divisional date, July 24, 1952]. Accepted on 25th January 1954.  
*Continuously operating distributing arrangements associating successively lines with magnetic drum on a time division basis, control equipment for the drum including testing means which tests each line for calling or non-calling condition while it is associated with the drum.*

50838. British Telecommunications Research Limited Telephone or like signalling systems. (25th July 1951). [Divisional date, July 24, 1952]. Accepted on 25th January 1954.

Registering arrangements for impulses transmitted from a calling line successively in code and counting device producing timing registrations on the drum to measure the interval between successive impulses and if it exceeds a predetermined value to control the registering arrangements to cause subsequent impulse to be registered in different storage space.

50925. Sudhir Lal Mukherjee and Albert David Ltd. A process for the manufacture of "3 : 5-dioxypyrazolidine derivatives". [Divisional date, June 25, 1953]. Accepted on 27th January 1954.

3,5-Dioxo-1,2-diphenyl-4-aryl pyrazolidines are prepared by reacting 3,5-dioxo-1,2-diphenyl-4-aryl-4-bromopyrazolidines with hydrazo benzene.

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi, or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

44459. 44631. 44632. 44788. 44822. 44858. 44919. 44978. 44982.  
45195. 45331. 45376. 45531. 45578. 45606. 45637. 45674. 45693.  
45990. 46013. 46152. 46239. 46268. 46269. 46289. 46494. 46506.  
46514. 46555. 46634. 47043. 47119. 47156. 47188. 47218. 47224.  
47252. 47336. 47423. 47441. 47479. 47714. 47767. 47768. 47772.  
47866. 47867. 47877.  
44427. 44446. 44447. 44448. 44449. 44957. 44958. 45045. 45046.  
45053. 45063. 45091. 45187. 45188. 45283. 45291. 45323. 45402.  
45432. 45570. 45788. 46064. 46120. 46270. 46335. 46676. 46769.  
46869. 46897. 47060. 47087. 47130. 47166. 47191. 47194. 47198.  
47492. 47665. 47795.

#### Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in specification No. 49948 was corrected on the 21st January 1954.

#### Patents Sealed

46551. 46713. 46738. 47209. 47311. 47699. 47841. 48151. 48336.  
48429. 48530. 48598. 48628. 48837. 48971. 49042. 49316. 49419.  
49421. 49431. 49532. 49699. 49739. 49845. 49857.

#### Appeal Proceedings

The appeal filed by Messrs. Nordmark-Werke Gesellschaft Mit Beschränkter Haftung as notified in Part III, Section 2 of the Gazette of India, dated the 28th March 1953 has been rejected by the Central Government.

#### Renewal Fees Paid

21532. 22543. 22559. 22596. 23247. 23780. 23903. 23940. 24889.  
24898. 24900. 24954. 24978. 25014. 26287. 26301. 26657. 27205.  
27249. 27878. 27913. 28491. 28705. 29331. 29625. 29626. 30483.  
30511. 30530. 30559. 30585. 30634. 30696. 30832. 30833. 30834.  
31019. 32087. 32266. 32456. 32491. 32696. 33053. 33314. 33319.  
33619. 33668. 33757. 33824. 34018. 34188. 34247. 34248. 34272.  
34297. 34349. 34404. 34458. 34474. 34508. 34650. 35157. 36563.  
36623. 36633. 36694. 36735. 36791. 36815. 36817. 36821. 36850.  
36893. 37016. 37048. 37049. 37077. 37185. 37263. 37286. 37289.  
38300. 38331. 38333. 38544. 38642. 38932. 38998. 39050. 39078.  
39131. 39184. 39185. 39186. 39403. 39467. 39504. 39745. 40178.  
40908. 40909. 40916. 40939. 40958. 40966. 40996. 41013. 41041.  
41147. 41219. 41310. 42623. 42635. 42653. 42661. 42703. 42715.  
42740. 42752. 42753. 42785. 42919. 42945. 42963. 43227. 44029.  
44474. 44515. 44518. 44531. 44563. 44845. 44846. 44847.

Renewal fees paid in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

#### Mysore Patent

418/46-47.

#### Cessation of Patents

26741. 26889. 27743. 29108. 29113. 29114. 30179. 33440. 33444.  
33452. 33490. 35950. 35951. 35958. 38744. 42122. 42140. 42142.  
42152. 42155. 42161. 43738. 47390.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act

The date shown in each entry is the date of registration of the design included in the entry.

Class 3 Nos. 77779 and 77780. KAMAKHYA CHARAN SEN of 25/A, Christopher Road, Calcutta-14, Indian, "Rubber (Latex) toys", December 28, 1953.

Class 3 No. 77957. MAHABIR PLASTIC INDUSTRIES, of 6, Canal Road, Tollygaunge, Calcutta-33, an Indian Partnership firm, "Plastic battery separator plate", January 13, 1954.

Class 4 No. 77691. THE COMMONWEALTH TRUST LIMITED, of Kozhikode 1, Malabar, India, a Public Limited Company Incorporated in England, "Roofing tiles", December 16, 1953.

Class 5 Nos. 77537 and 77538. RAM CHAND MOHANLAL of 53, Khangraputty Street, Calcutta, an Indian subject, "Labels i.e. articles composed wholly of paper", November 30, 1953.

Class 13 No. 77499. THE BIRLA COTTON SPG. & WVG. MILLS LTD., Birla Lines, Delhi. (An Indian Company), "Textile piecegoods" November 25, 1953.

Class 13 Nos. 77867 and 77868. THE NAGRI MILLS CO. LTD., Rajpur Gomatipur Road, Post Box No. 36, Ahmedabad, (Indian Company), "Textile goods", January 9, 1954.

Class 13 Nos. 77877 to 77881. THE BOMBAY UNION DYEING MILLS, Proprietors :—M/s. Megji Mathradas, 71, Government Gate Road, Parel, Bombay 12, Indian business concern, "Textile goods", January 12, 1954.

Class 13 No. 77899. H. A. SHAH & CO., Indian, of Vasant Vijay Mills, "Vasant Vijay", 470-71, Worli Road, Bombay 18, (India), "Textile goods", January 12, 1954.

Class 13 No. 77907. THE SARANGPUR COTTON MFG. CO. LTD., Outside Raipur Gate, Post Box No. 19, Ahmedabad, Indian, "Textile goods", January 12, 1954.

Class 13 Nos. 77908 to 77912. THE MAFATLAL FINE SPG. & MFG. CO. LTD., an Indian Company of Navsari, Bombay State, "Textile goods", January 12, 1954.

Class 13 Nos. 77914 and 77915. THE KHATAU MAKANJI SPG. & WVG. CO. LTD., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", January 12, 1954.

Class 13 Nos. 77917 and 77918. THE CROWN SPINNING & MANUFACTURING CO. LTD., Incorporated in India, 16, Apollo Street, Fort, Bombay-1, "Textile piecegoods", January 13, 1954.

Class 13 No. 78000. THE KHATAU MAKANJI SPG. & WVG. CO. LTD., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", January 18, 1954.

Class 13 No. 77870. THE CENTURY SPG. & MFG. CO. LTD., Indian Company, Queens Mansions, Prescott Road, Fort, Bombay 1, "Textile goods", January 9, 1954.

Class 14 No. 77869. THE CENTURY SPG. & MFG. CO. LTD., Indian Company, Queen Mansions, Prescott Road, Fort, Bombay 1, "Textile goods", January 9, 1954.

Copyright extended for a Second Period of Five Years  
Designs Nos. 71054, 71132 and 71168, Class 13.

K. SESHAGIRI RAO  
Controller of Patents and Designs